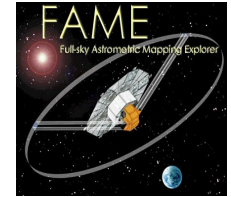


**Explorers Missions
Full-Sky Astrometric Mapping Explorer
(FAME)**

Confirmation Readiness Review



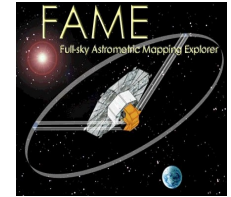
November 29, 2001



FAME Confirmation Readiness Review

AGENDA

	<u>Presenter</u>	<u>Time</u>
• INTRODUCTION	Don Margolies	5 min
• FAME OVERVIEW	Ken Johnston	10 min
• FAME STATUS	Mark Johnson	10 min
• PROBLEM HISTORY	Mark Johnson	10 min
• PDR ASSESSMENT	Joe Wonsever/ Bill Gibson	10 min
• IART ASSESSMENT	Vern Weyers	15 min
• PI RECOMMENDATION	Ken Johnston	30 min
• EXPLORERS RECOMMENDATION	Tony Comberiate	5 min
• DISCUSSION	All	25 min



FAME Confirmation Readiness Review

INTRODUCTION

Donald L. Margolies
FAME Mission Manager



FAME Confirmation Readiness Review

Principal Investigator

**Dr. Kenneth Johnston
United States Naval
Observatory (USNO)**

GSFC Project Manager

Donald L. Margolies

Science Theme

Origins

Launch Date

October 2004

Launch Vehicle

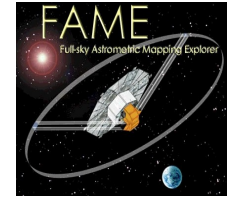
Delta 7925-10

Major Partners

**Naval Research Lab (NRL)
Lockheed Missiles and Space
Advanced Tech. Center (LMMS ATC)
Smithsonian Astrophysical
Observatory (SAO)**

Science Objective

The primary objective of the FAME mission is to provide positions, proper motions, parallaxes, and photometry of nearly all stars as faint as 15th visual magnitude with accuracies of 50 microarcseconds at 9th visual magnitude and 500 microarcseconds at 15th visual magnitude.



FAME Confirmation Readiness Review

- **FAME is in trouble and is not currently confirmable because the projected cost exceeds the cost cap, even after descoping, and other technical risks.**

SO INSTEAD OF PRESENTING A TRADITIONAL CRR WE WILL

- **Review current status and how we got to where we are with respect to technical and cost issues.**
- **Present the independent PDR and Confirmation Review Team assessments and recommendations.**
- **Present PI's recommendation regarding the future of the mission and how he would mitigate the technical and cost risks.**
- **Present the Program Office recommendation regarding the future of the mission.**